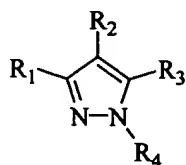
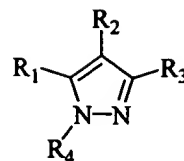


WHAT IS CLAIMED:

1. A compound having a formula selected from the group consisting of:



and



and their pharmaceutically acceptable salts, wherein:

R₁ and R₃ are selected independently from the group consisting of optionally substituted loweralkyl, aryl, heteroaryl, cycloalkyl, cycloheteroalkyl, aralkyl, heteroaralkyl, (cycloalkyl)alkyl, and (cycloheteroalkyl)alkyl;

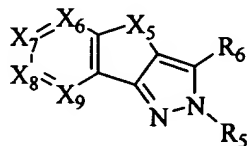
R₂ is selected from the group consisting of hydrogen, halo, cyano, nitro, thio, amino, carboxyl, formyl, and optionally substituted loweralkyl, loweralkylcarbonyloxy, arylcarbonyloxy, heteroarylcarbonyloxy, cycloalkylcarbonyloxy, cycloheteroalkylcarbonyloxy, aralkylcarbonyloxy, heteroaralkylcarbonyloxy, (cycloalkyl)alkylcarbonyloxy, (cycloheteroalkyl)alkylcarbonyloxy, loweralkylcarbonyl, arylcarbonyl, heteroarylcarbonyl, cycloalkylcarbonyl, cycloheteroalkylcarbonyl, aralkylcarbonyl, heteroaralkylcarbonyl, (cycloalkyl)alkylcarbonyl, (cycloheteroalkyl)alkylcarbonyl, loweralkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, heteroaralkylaminocarbonyl, cycloalkylaminocarbonyl, (cycloalkyl)alkylaminocarbonyl, cycloheteroalkylaminocarbonyl, (cycloheteroalkyl)alkylaminocarbonyl, loweralkylcarbonylamino, arylcarbonylamino, heteroarylcarbonylamino, cycloalkylcarbonylamino, cycloheteroalkylcarbonylamino, aralkylcarbonylamino, heteroaralkylcarbonylamino, (cycloalkyl)alkylcarbonylamino, (cycloheteroalkyl)alkylcarbonylamino, loweralkylamino, arylamino, aralkylamino, heteroarylamino, heteroaralkylamino, loweralkylsulfonyl, arylsulfonyl, heteroarylsulfonyl, cycloalkylsulfonyl, cycloheteroalkylsulfonyl, aralkylsulfonyl, heteroaralkylsulfonyl, (cycloalkyl)alkylsulfonyl, (cycloheteroalkyl)alkylsulfonyl, loweralkylsulfinyl, arylsulfinyl, heteroarylsulfinyl, cycloalkylsulfinyl, cycloheteroalkylsulfinyl, aralkylsulfinyl, heteroaralkylsulfinyl, (cycloalkyl)alkylsulfinyl, (cycloheteroalkyl)alkylsulfinyl, loweralkyloxy, aryloxy, heteroaryloxy, cycloalkyloxy, cycloheteroalkyloxy, aralkyloxy, heteroaralkyloxy, (cycloalkyl)alkyloxy, and (cycloheteroalkyl)alkyloxy, loweralkylthio, arylthio, heteroarylthio, cycloalkylthio, cycloheteroalkylthio, aralkylthio, heteroaralkylthio, (cycloalkyl)alkylthio, (cycloheteroalkyl)alkylthio, loweralkylthiocarbonyl, arylthiocarbonyl, heteroarylthiocarbonyl, cycloalkylthiocarbonyl, cycloheteroalkylthiocarbonyl, aralkylthiocarbonyloxythiocarbonyl, heteroaralkylthiocarbonyl, (cycloalkyl)alkylthiocarbonyl, (cycloheteroalkyl)alkylthiocarbonyl, loweralkyloxycarbonyl, arylloxycarbonyl, heteroaryloxycarbonyl, cycloalkyloxycarbonyl, cycloheteroalkyloxycarbonyl, aralkyloxycarbonyloxycarbonyl, heteroaralkyloxycarbonyl, (cycloalkyl)alkyloxycarbonyl, (cycloheteroalkyl)alkyloxycarbonyl, iminoloweralkyl, iminocycloalkyl,

R₄ is selected from the group consisting of hydrogen, carboxyl, formyl, and optionally substituted loweralkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, cycloalkyl, cycloheteroalkyl, loweralkylcarbonyl, arylcarbonyl, heteroarylcarbonyl, cycloalkylcarbonyl, cycloheteroalkylcarbonyl, aralkylcarbonyl, heteroaralkylcarbonyl, (cycloalkyl)alkylcarbonyl, (cycloheteroalkyl)alkylcarbonyl, loweralkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, heteroaralkylaminocarbonyl, cycloalkylaminocarbonyl, (cycloalkyl)alkylaminocarbonyl, cycloheteroalkylaminocarbonyl, (cycloheteroalkyl)alkylaminocarbonyl, loweralkylsulfonyl, arylsulfonyl, heteroarylsulfonyl, cycloalkylsulfonyl, cycloheteroalkylsulfonyl, aralkylsulfonyl, heteroaralkylsulfonyl, (cycloalkyl)alkylsulfonyl, (cycloheteroalkyl)alkylsulfonyl, loweralkylsulfinyl, arylsulfinyl, heteroarylsulfinyl, cycloalkylsulfinyl, cycloheteroalkylsulfinyl, aralkylsulfinyl, heteroaralkylsulfinyl, (cycloalkyl)alkylsulfinyl, (cycloheteroalkyl)alkylsulfinyl, arylthiocarbonyl, heteroarylthiocarbonyl, cycloalkylthiocarbonyl, cycloheteroalkylthiocarbonyl, aralkylthiocarbonyloxythiocarbonyl, heteroaralkylthiocarbonyl, (cycloalkyl)alkylthiocarbonyl, (cycloheteroalkyl)alkylthiocarbonyl, loweralkyloxycarbonyl, aryloxycarbonyl, heteroaryloxycarbonyl, cycloalkyloxycarbonyl, cycloheteroalkyloxycarbonyl, aralkyloxycarbonyloxloxycarbonyl, heteroaralkyloxycarbonyl, (cycloalkyl)alkyloxycarbonyl, (cycloheteroalkyl)alkyloxycarbonyl, carboxamidino, loweralkylcarboxamidino, arylcarboxamidino, aralkylcarboxamidino, heteroarylcarboxamidino, heteroaralkylcarboxamidino, cycloalkylcarboxamidino, cycloheteroalkylcarboxamidino.

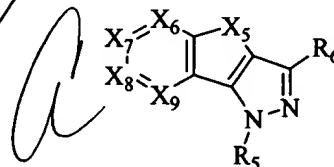
- 120

7. The compound of claim 6, wherein at least one of R_1 and R_3 is selected independently from the group consisting of phenyl, phenyloxyloweralkyl, and phenylloweralkyl.
8. The compound of claim 7, wherein at least one of R_1 and R_3 is substituted optionally with a substituent selected from the group consisting of halogen, nitro, cyano, loweralkyl, haloloweralkyl, loweralkyloxy, haloloweralkyloxy, carboxy, loweralkyloxycarbonyl, aryloxycarbonyl, (cycloloweralkyl)oxycarbonyl, aralkyloxycarbonyl, heteroaryloxycarbonyl, heteroaralkyloxycarbonyl, (heterocycloloweralkyl)oxycarbonyl, loweralkylsulfinyl, loweralkylsulfonyl, loweralkylthio, arylthio, loweralkylcarbonyloxy, arylcarbonyloxy, aralkylcarbonyloxy, heteroarylcarbonyloxy, heteroaralkylcarbonyloxy, (cycloloweralkyl)carbonyloxy, alkylsulfonylamino, (heterocycloloweralkyl)carbonyloxy, aminocarbonyl, loweralkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, and heteroaralkylaminocarbonyl.
9. The compound of claim 8, wherein at least one of R_1 and R_3 is substituted optionally with a substituent selected from the group consisting of halogen, nitro, cyano, loweralkyl, haloloweralkyl, loweralkyloxy, haloloweralkyloxy, carboxy, loweralkylthio, aminocarbonyl, and loweralkylsulfinyl.
10. The compound of claim 1, wherein R_2 is selected from the group consisting of hydrogen, halo, and optionally substituted loweralkyl, haloloweralkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, aryloxyalkyl, arylthioalkyl, arylcarbonyl, heteroarylcarbonyl, loweralkylcarbonyl, aminocarbonyl, arylaminocarbonyl, loweralkylaminocarbonyl, aralkylaminocarbonyl, (heterocycloloweralkyl)alkylaminocarbonyl, heteroarylaminocarbonyl, heteroaralkylaminocarbonyl, (cycloloweralkyl)aminocarbonyl, formyl, and alkenyl.
11. The compound of claim 10, wherein R_2 is selected from the group consisting of hydrogen and halo.
12. The compound of claim 10, wherein R_2 is selected from the group consisting of optionally substituted phenyl, phenylloweralkyl, hydroxyphenyl, loweralkyloxyphenyl, haloloweralkylsulfonylphenyl, loweralkyloxyphenyl, di(loweralkylaminoloweralkyloxyphenyl), (cycloaminoloweralkyl)loweralkyloxyphenyl, and (heterocycloalkyl)loweralkyloxyphenyl.
13. The compound of claim 10, wherein R_2 is selected from the group consisting of optionally substituted loweralkyl, haloloweralkyl, hydroxyalkyl, phenyloxyloweralkyl, hydroxyphenyloweralkyl, haloloweralkylsulfonylloweralkyl, and phenylthioloweralkyl.
14. The compound of claim 10, wherein R_2 is selected from the group consisting of optionally substituted phenylcarbonyl, (heterocycloalkyl)loweralkyloxyphenylcarbonyl, hydroxyphenylcarbonyl, halophenylcarbonyl, phenylloweralkylaminocarbonyl, di(loweralkylaminocarbonyl), phenylloweralkylaminocarbonyl, hydroxyphenyloweralkylaminocarbonyl, cycloalkylaminocarbonyl, loweralkylphenylcarbonyl, haloloweralkylsulfonylphenylcarbonyl, and nitrophenylcarbonyl.

15. The compound of claim 14, wherein R_1 and R_3 are selected independently from the group consisting of optionally substituted cycloalkyl, cycloheteroalkyl, (cycloalkyl)alkyl, and (cycloheteroalkyl)alkyl.
16. The compound of claim 15, wherein R_1 and R_3 are selected independently from the group consisting of optionally substituted aryl, heteroaryl, aralkyl, and heteroaralkyl.
17. The compound of claim 16, wherein R_1 and R_3 are selected independently from the group consisting of optionally substituted aryl and aralkyl.
18. The compound of claim 17, wherein at least one of R_1 and R_3 is substituted with at least one hydroxyl or thio group.
19. The compound of claim 18, wherein at least one of R_1 and R_3 is selected independently from the group consisting of phenyl, phenoxyloweralkyl, and phenylloweralkyl.
20. The compound of claim 20, wherein at least one of R_1 and R_3 is substituted optionally with a substituent selected from the group consisting of halogen, loweralkyl, haloloweralkyl, loweralkyloxy, haloloweralkyloxy, carboxy, loweralkyloxycarbonyl, aryloxycarbonyl, (cycloalkyl)oxycarbonyl, aralkyloxycarbonyl, heteroaryloxycarbonyl, heteroaralkyloxycarbonyl, (heterocycloalkyl)oxycarbonyl, loweralkylsulfinyl, loweralkylsulfonyl, loweralkylthio, arylthio, loweralkylcarbonyloxy, arylcarbonyloxy, aralkylcarbonyloxy, heteroarylcarbonyloxy, heteroaralkylcarbonyloxy, (cycloalkyl)carbonyloxy, (heterocycloalkyl)carbonyloxy, aminocarbonyl, loweralkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, and heteroaralkylaminocarbonyl.
21. The compound of claim 20, wherein R_4 is selected from the group consisting of hydrogen and optionally substituted loweralkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, cycloalkyl, cycloheteroalkyl, loweralkylcarbonyl, arylcarbonyl, heteroarylcarbonyl, cycloalkylcarbonyl, cycloheteroalkylcarbonyl, aralkylcarbonyl, heteroaralkylcarbonyl, (cycloalkyl)alkylcarbonyl, (cycloheteroalkyl)alkylcarbonyl, loweralkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, heteroaralkylaminocarbonyl, cycloalkylaminocarbonyl, (cycloalkyl)alkylaminocarbonyl, cycloheteroalkylaminocarbonyl, (cycloheteroalkyl)alkylaminocarbonyl, loweralkylsulfonyl, arylsulfonyl, heteroarylsulfonyl, cycloalkylsulfonyl, cycloheteroalkylsulfonyl, aralkylsulfonyl, heteroaralkylsulfonyl, (cycloalkyl)alkylsulfonyl, and (cycloheteroalkyl)alkylsulfonyl.
22. A compound having the formula selected from the group consisting of:



and



and their pharmaceutically acceptable salts, wherein:

X_5 is $-(X_{10})_n$, wherein n is an integer between 1 and 3 and X_{10} , for each value of n , is selected independently from the group consisting of oxygen, $-SO_x$ where x is an integer between 0 and 2, nitrogen, nitrogen substituted with optionally substituted loweralkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, arylcarbonyl, alkylcarbonyl, aralkylcarbonyl, heteroarylcarbonyl, heteroaralkylcarbonyl, and methylene or methine, each optionally substituted from the group consisting of halo, cyano, nitro, thio, amino, carboxyl, formyl, and optionally substituted loweralkyl, loweralkylcarbonyloxy, arylcarbonyloxy, heteroarylcarbonyloxy, cycloalkylcarbonyloxy, cycloheteroalkylcarbonyloxy, aralkylcarbonyloxy, heteroaralkylcarbonyloxy, (cycloalkyl)alkylcarbonyloxy, (cycloheteroalkyl)alkylcarbonyloxy, loweralkylcarbonyl, arylcarbonyl, heteroarylcarbonyl, cycloalkylcarbonyl, cycloheteroalkylcarbonyl, aralkylcarbonyl, heteroaralkylcarbonyl, (cycloalkyl)alkylcarbonyl, (cycloheteroalkyl)alkylcarbonyl, loweralkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, heteroaralkylaminocarbonyl, loweralkylcarbonylamino, arylcarbonylamino, heteroarylcarbonylamino, cycloalkylcarbonylamino, cycloheteroalkylcarbonylamino, aralkylcarbonylamino, heteroaralkylcarbonylamino, (cycloalkyl)alkylcarbonylamino, (cycloheteroalkyl)alkylcarbonylamino, loweralkylamino, arylamino, aralkylamino, heteroarylamino, heteroaralkylamino, loweralkylsulfonyl, arylsulfonyl, heteroarylsulfonyl, cycloalkylsulfonyl, cycloheteroalkylsulfonyl, aralkylsulfonyl, heteroaralkylsulfonyl, (cycloalkyl)alkylsulfonyl, (cycloheteroalkyl)alkylsulfonyl, loweralkylsulfinyl, arylsulfinyl, heteroarylsulfinyl, cycloalkylsulfinyl, cycloheteroalkylsulfinyl, aralkylsulfinyl, heteroaralkylsulfinyl, (cycloalkyl)alkylsulfinyl, (cycloheteroalkyl)alkylsulfinyl, loweralkyloxy, aryloxy, heteroaryloxy, cycloalkyloxy, cycloheteroalkyloxy, aralkyloxy, heteroaralkyloxy, (cycloalkyl)alkyloxy, and (cycloheteroalkyl)alkyloxy, loweralkylthio, arylthio, heteroarylthio, cycloalkylthio, cycloheteroalkylthio, aralkylthio, heteroaralkylthio, (cycloalkyl)alkylthio, (cycloheteroalkyl)alkylthio, loweralkylthiocarbonyl, arylthiocarbonyl, heteroarylthiocarbonyl, cycloalkylthiocarbonyl, cycloheteroalkylthiocarbonyl, aralkylthiocarbonyl, (cycloalkyl)alkylthiocarbonyl, (cycloheteroalkyl)alkylthiocarbonyl, loweralkyloxycarbonyl, aryloxycarbonyl, heteroaryloxycarbonyl, cycloalkyloxycarbonyl, cycloheteroalkyloxycarbonyl, aralkyloxycarbonyl, heteroaralkyloxycarbonyl, (cycloalkyl)alkyloxycarbonyl, (cycloheteroalkyl)alkyloxycarbonyl, iminoloweralkyl, iminocycloalkyl, iminocycloheteroalkyl, iminoaralkyl, iminoheteroaralkyl, (cycloalkyl)iminoalkyl, and (cycloheteroalkyl)iminoalkyl;

X_6 – X_9 are selected independently from the group consisting of oxygen, sulfur, sulfinyl, nitrogen, and optionally substituted methine;

R_5 is selected from the group consisting of hydrogen, carboxyl, formyl, and optionally substituted loweralkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, cycloalkyl, cycloheteroalkyl, loweralkylcarbonyl, arylcarbonyl, heteroarylcarbonyl, cycloalkylcarbonyl, cycloheteroalkylcarbonyl, aralkylcarbonyl, heteroaralkylcarbonyl,

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1944	03:30	1000	1000
1944	04:00	1000	1000
1944			

selected from
ylene or methin

- [illegible]

(heterocycloloweralkyl)carbonyloxy, aminocarbonyl, loweralkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, and heteroaralkylaminocarbonyl.

29. The compound of claim 28, wherein R_5 is selected from the group consisting of hydrogen and optionally substituted loweralkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, cycloalkyl, cycloheteroalkyl, loweralkylcarbonyl, arylcarbonyl, heteroarylcarbonyl, cycloalkylcarbonyl, cycloheteroalkylcarbonyl, aralkylcarbonyl, heteroaralkylcarbonyl, (cycloalkyl)alkylcarbonyl, (cycloheteroalkyl)alkylcarbonyl, loweralkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, heteroaralkylaminocarbonyl, cycloalkylaminocarbonyl, (cycloalkyl)alkylaminocarbonyl, cycloheteroalkylaminocarbonyl, (cycloheteroalkyl)alkylaminocarbonyl, loweralkylsulfonyl, arylsulfonyl, heteroarylsulfonyl, cycloalkylsulfonyl, cycloheteroalkylsulfonyl, aralkylsulfonyl, heteroaralkylsulfonyl, (cycloalkyl)alkylsulfonyl, and (cycloheteroalkyl)alkylsulfonyl.
30. The compound of claim 22, wherein n is 2 and each X_{10} is selected independently from the group consisting of nitrogen, optionally substituted nitrogen, optionally substituted methylene, and optionally substituted methine.
31. The compound of claim 30, wherein R_6 is selected from the group consisting of optionally substituted aryl, heteroaryl, aralkyl, and heteroaralkyl.
32. The compound of claim 31, wherein R_6 is optionally substituted aryl or aralkyl.
33. The compound of claim 32, wherein R_6 includes at least one hydroxyl, thio, or optionally substituted loweralkyloxy, aryloxy, heteroaryloxy, loweralkylthio, arylthio, heteroarylthio, loweralkylcarbonyl, arylcarbonyl, or heteroarylcarbonyl moiety.
34. The compound of claim 33, wherein R_6 is selected from the group consisting of phenyl, phenyloxyloweralkyl, and phenylloweralkyl.
35. The compound of claim 34, wherein R_6 is further substituted optionally with a moiety selected from the group consisting of halogen, loweralkyl, haloloweralkyl, loweralkyloxy, haloloweralkyloxy, carboxy, loweralkyloxy carbonyl, aryloxy carbonyl, (cycloalkyl)oxycarbonyl, aralkyloxy carbonyl, heteroaryloxy carbonyl, heteroaralkyloxy carbonyl, (heterocycloloweralkyl)oxycarbonyl, loweralkylsulfinyl, loweralkylsulfonyl, loweralkylthio, arylthio, loweralkylcarbonyloxy, arylcarbonyloxy, aralkylcarbonyloxy, heteroarylcarbonyloxy, heteroaralkylcarbonyloxy, (cycloalkyl)carbonyloxy, (heterocycloloweralkyl)carbonyloxy, aminocarbonyl, loweralkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, and heteroaralkylaminocarbonyl.
36. The compound of claim 35, wherein R_5 is selected from the group consisting of hydrogen and optionally substituted loweralkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, cycloalkyl, cycloheteroalkyl, loweralkylcarbonyl, arylcarbonyl, heteroarylcarbonyl, cycloalkylcarbonyl, cycloheteroalkylcarbonyl, aralkylcarbonyl, heteroaralkylcarbonyl,

(cycloalkyl)alkylcarbonyl, (cycloheteroalkyl)alkylcarbonyl, loweralkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, heteroaralkylaminocarbonyl, cycloalkylaminocarbonyl, (cycloalkyl)alkylaminocarbonyl, cycloheteroalkylaminocarbonyl, (cycloheteroalkyl)alkylaminocarbonyl, loweralkylsulfonyl, arylsulfonyl, heteroarylsulfonyl, cycloalkylsulfonyl, cycloheteroalkylsulfonyl, aralkylsulfonyl, heteroaralkylsulfonyl, (cycloalkyl)alkylsulfonyl, and (cycloheteroalkyl)alkylsulfonyl.

37. The compound of claim 22, wherein X_6 - X_9 are selected independently from the group consisting of nitrogen and optionally substituted methine.
38. The compound of claim 37, wherein at least one of X_6 - X_9 is methine substituted with a moiety selected from the group consisting of loweralkyloxy, aryloxy, heteroaryloxy, loweralkylthio, arylthio, heteroarylthio, loweralkylcarbonyl, arylcarbonyl, and heteroarylcarbonyl.
39. The compound of claim 38, wherein X_7 is methine substituted with hydroxy or loweralkyloxy.
40. The compound of claim 38, wherein n is 1 and X_{10} is selected from the group consisting of nitrogen, optionally substituted nitrogen, and optionally substituted methylene or methine.
41. The compound of claim 40, wherein R_6 is selected from the group consisting of optionally substituted aryl, heteroaryl, aralkyl, and heteroaralkyl.
42. The compound of claim 41, wherein R_6 is optionally substituted aryl or aralkyl.
43. The compound of claim 42, wherein R_6 includes at least one hydroxyl, thio, or optionally substituted loweralkyloxy, aryloxy, heteroaryloxy, loweralkylthio, arylthio, heteroarylthio, loweralkylcarbonyl, arylcarbonyl, or heteroarylcarbonyl moiety.
44. The compound of claim 43, wherein R_6 is selected from the group consisting of phenyl, phenyloxyloweralkyl, and phenylloweralkyl.
45. The compound of claim 44, wherein R_6 is further substituted optionally with a moiety selected from the group consisting of halogen, loweralkyl, haloloweralkyl, loweralkyloxy, haloloweralkyloxy, carboxy, loweralkyloxycarbonyl, aryloxycarbonyl, (cycloalkyl)oxycarbonyl, aralkyloxycarbonyl, heteroaryloxycarbonyl, heteroaralkyloxycarbonyl, (heterocycloalkyl)oxycarbonyl, loweralkylsulfinyl, loweralkylsulfonyl, loweralkylthio, arylthio, loweralkylcarbonyloxy, arylcarbonyloxy, aralkylcarbonyloxy, heteroarylcarbonyloxy, heteroaralkylcarbonyloxy, (cycloalkyl)carbonyloxy, (heterocycloalkyl)carbonyloxy, aminocarbonyl, loweralkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, and heteroaralkylaminocarbonyl.

46. The compound of claim 45, wherein R_5 is selected from the group consisting of hydrogen and optionally substituted loweralkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, cycloalkyl, cycloheteroalkyl, loweralkylcarbonyl, arylcarbonyl, heteroarylcarbonyl, cycloalkylcarbonyl, cycloheteroalkylcarbonyl, aralkylcarbonyl, heteroaralkylcarbonyl, (cycloalkyl)alkylcarbonyl, (cycloheteroalkyl)alkylcarbonyl, loweralkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, heteroaralkylaminocarbonyl, cycloalkylaminocarbonyl, (cycloalkyl)alkylaminocarbonyl, cycloheteroalkylaminocarbonyl, (cycloheteroalkyl)alkylaminocarbonyl, loweralkylsulfonyl, arylsulfonyl, heteroarylsulfonyl, cycloalkylsulfonyl, cycloheteroalkylsulfonyl, aralkylsulfonyl, heteroaralkylsulfonyl, (cycloalkyl)alkylsulfonyl, and (cycloheteroalkyl)alkylsulfonyl.
47. The compound of claim 37, wherein n is 2 and each X_{10} is selected independently from the group consisting of nitrogen, optionally substituted nitrogen, optionally substituted methylene, and optionally substituted methine.
48. The compound of claim 47, wherein R_6 is selected from the group consisting of optionally substituted aryl, heteroaryl, aralkyl, and heteroaralkyl.
49. The compound of claim 48, wherein R_6 is optionally substituted aryl or aralkyl.
50. The compound of claim 49, wherein R_6 includes at least one hydroxyl, thio, or optionally substituted loweralkyloxy, aryloxy, heteroaryloxy, loweralkylthio, arylthio, heteroarylthio, loweralkylcarbonyl, arylcarbonyl, or heteroarylcarbonyl moiety.
51. The compound of claim 50, wherein R_6 is selected from the group consisting of phenyl, phenyloxyloweralkyl, and phenylloweralkyl.
52. The compound of claim 51, wherein R_6 is further substituted optionally with a moiety selected from the group consisting of halogen, loweralkyl, haloloweralkyl, loweralkyloxy, haloloweralkyloxy, carboxy, loweralkyloxycarbonyl, aryloxycarbonyl, (cycloalkyl)oxycarbonyl, aralkyloxycarbonyl, heteroaryloxycarbonyl, heteroaralkyloxycarbonyl, (heterocycloalkyl)oxycarbonyl, loweralkylsulfinyl, loweralkylsulfonyl, loweralkylthio, arylthio, loweralkylcarbonyloxy, arylcarbonyloxy, aralkylcarbonyloxy, heteroarylcarbonyloxy, heteroaralkylcarbonyloxy, (cycloalkyl)carbonyloxy, (heterocycloalkyl)carbonyloxy, aminocarbonyl, loweralkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, and heteroaralkylaminocarbonyl.
53. The compound of claim 51, wherein R_5 is selected from the group consisting of hydrogen and optionally substituted loweralkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, cycloalkyl, cycloheteroalkyl, loweralkylcarbonyl, arylcarbonyl, heteroarylcarbonyl, cycloalkylcarbonyl, cycloheteroalkylcarbonyl, aralkylcarbonyl, heteroaralkylcarbonyl, (cycloalkyl)alkylcarbonyl, (cycloheteroalkyl)alkylcarbonyl, loweralkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, heteroaralkylaminocarbonyl, cycloalkylaminocarbonyl, (cycloalkyl)alkylaminocarbonyl, cycloheteroalkylaminocarbonyl, (cycloheteroalkyl)alkylaminocarbonyl,

loweralkylsulfonyl, arylsulfonyl, heteroarylsulfonyl, cycloalkylsulfonyl, cycloheteroalkylsulfonyl, aralkylsulfonyl, heteroaralkylsulfonyl, (cycloalkyl)alkylsulfonyl, and (cycloheteroalkyl)alkylsulfonyl.

54. A composition for use in treating an estrogen receptor-mediated disorder in a mammal, comprising a therapeutically effective amount of a compound of claim 1 in a pharmaceutically effective carrier.
55. A composition for use in treating an estrogen receptor-mediated disorder in a mammal, comprising a therapeutically effective amount of a compound of claim 22 in a pharmaceutically effective carrier.
56. A method for treating an estrogen receptor-mediated disorder in a mammal, comprising administering to such mammal a therapeutically effective amount of a compound of claim 1 in a pharmaceutically effective carrier.
57. The method of claim 56, wherein said disease is chosen from the group consisting of: osteoporosis, estrogen-dependent cancer, Alzheimer's disease, and estrogen-dependent illness.
58. A method for treating an estrogen receptor-mediated disorder in a mammal, comprising administering to such mammal a therapeutically effective amount of a compound of claim 22 in a pharmaceutically effective carrier.
59. The method of claim 58, wherein said disease is chosen from the group consisting of: osteoporosis, estrogen-dependent cancer, and estrogen-dependent illness.
60. A method for preventing an estrogen receptor-mediated disorder in a mammal, comprising administering to such mammal a prophylactically effective amount of a compound of claim 1 in a pharmaceutically effective carrier.
61. The method of claim 60, wherein said disease is chosen from the group consisting of: osteoporosis, estrogen-dependent cancer, Alzheimer's disease and estrogen-dependent illness.
62. A method for preventing an estrogen receptor-mediated disorder in a mammal, comprising administering to such mammal a prophylactically effective amount of a compound of claim 22 in a pharmaceutically effective carrier.
63. The method of claim 62, wherein said disease is chosen from the group consisting of: osteoporosis, estrogen-dependent cancer, and estrogen-dependent illness.
64. A method for modulating the biological activity of an estrogen receptor, comprising exposing said estrogen receptor to a compound of claim 1 to modulate thereby the binding of said estrogen receptor to an associated estrogen receptor element.
65. The method of claim 64, wherein said estrogen receptor is the α isoform.
66. The method of claim 64, wherein said estrogen receptor is the β isoform.

- Add B!